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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 40450-0005 PCT			FOR FURTHER ACTION	see Notific Report (Fe item 5 bel	cation of Transmittal of International Search orm PCT/ISA/220) as well as, where applicable, ow.				
International application No. PCT/US04/09790			International filing date (day/month/year) 30 March 2004 (30.03.2004)		(Earliest) Priority Date (day/month/year) 30 March 2003 (30.03.2003)				
Applicant REALYVASQUEZ, FIDEL									
This	interna	Article 18. A copy is being ational search report consists It is also accompanies	g transmitted to the International	Bureau.	in this report.				
1.	 Basis of the Report With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. 								
		the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:							
		contained in the international	al application in written form.						
	With r	filed together with the inter-	national application in computer rea	dable form.	,				
		furnished subsequently to th	is Authority in written form.		•				
		furnished subsequently to th	is Authority in computer readable f	orm.					
		the statement that the subsectinternational application as	• •	isting does	not go beyond the disclosure in the				
		the statement that the information been furnished.	nation recorded in computer readable	le form is ic	dentical to the written sequence listing has				
2.		Certain claims were found	unsearchable (See Box I).						
3.		Unity of invention is lacking	ng (See Box II).						
4.		egard to the title,	dand by the conflict						
	H	the text is approved as subm	•						
	ш	the text has been established	by this Authority to read as follow	S:					
_ ا	337'-1								
5.	With r	egard to the abstract, the text is approved as subm	sitted by the applicant						
	X			Authority	as it appears in Box III. The applicant may,				
					rt, submit comments to this Authority.				
6.	The fig	gure of the drawings to be put	olished with the abstract is Figure N	lo. <u>4C</u>	· .				
		as suggested by the applican	t.		None of the figures				
		because the applicant failed	to suggest a figure.						
	\boxtimes	because this figure better ch	aracterizes the invention.						

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/09790

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

According to one aspect, heart valve leaflet removal apparatus (100) of the present invention having a pair of cooperating cutting elements (112), a holder and members for manipulating the cutting elements (112). The cooperating cutting elements (112) are adapted for cutting and removing leaflets from an aortic valve in a patient's heart, one of the cutting elements (112) is rotatably coupled the other of pair of cutting elements (112). The holder is coupled to one of the cutting elements (112) and is adapted to receive the cut leaflets and the cutting elements and holder are configured for delivery to the valve leaflets through an aortotomy formed in a patient's aorta. In one variation, the pair of cooperating cutting elements (112) and holder have a radial dimension and are radially collapsible. Replacement valve delivery apparatus also is provided.							
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Form PCT/ISA/210 (continuation of first sheet(2)) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/09790

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61F 2/06									
US CL : 623/2.11									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols) U.S.: 623/2.11									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category * Citation of document, with indication, where	appropriate, of the relevant passages Relevant to claim	No.							
A, E US 6,764,508 B1 (ROEHE et al.) 20 July 2004 (20	0.07.2004), Abstract, column 1 and lines 1-42								
39-34. US 6, 62,208 A (HIPPS) 19 December 2000 (19.1 67, column 2 and lines1-61.									
Further documents are listed in the continuation of Box C.	See patent family annex.								
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance.	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention								
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive when the document is taken alone								
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is								
"O" document referring to an oral disclosure, use, exhibition or other means	combined with one or more other such documents, such combinate being obvious to a person skilled in the art	ation							
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family								
Date of the actual completion of the international search	Date of mailing of the international search report								
26 July 2004 (26.07.2004)	27 AUG 2004	\neg							
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Mail Stop PCT, Attn: ISA/US	Hieu Phan Sheish H. Veney								
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